

(b) Amendments to the Claims

The following is a complete listing of the claims in this application.

Applicants note that none of the claims have been amended in this Response. This listing is supplied for the Examiner's convenience only.

1. (Original) An electrophotographic photosensitive member comprising a support, and provided thereon a photosensitive layer, wherein;
a surface layer of the electrophotographic photosensitive member contains a high-molecular-weight charge-transporting material having a weight-average molecular weight M_w of from 1,000 or more to 9,000 or less; and
the ratio of the weight-average molecular weight M_w of the high-molecular-weight charge-transporting material to a -number-average molecular weight M_n of the high-molecular-weight charge-transporting material, M_w/M_n , is from more than 1.00 to 1.10 or less.

2. (Original) The electrophotographic photosensitive member according to claim 1, wherein said high-molecular-weight charge-transporting material has an weight-average molecular weight M_w of from 1,500 or more to 4,000 or less.

3. (Original) The electrophotographic photosensitive member according to claim 1, wherein said high-molecular-weight charge-transporting material is a homopolymer having a repeating structural unit represented by the following Formula (1):



wherein Ar¹¹¹ represents a substituted or unsubstituted divalent aromatic hydrocarbon ring group other than a phenylene group, or a substituted or unsubstituted divalent aromatic heterocyclic ring group; and Ar¹¹² represents a substituted or unsubstituted monovalent aromatic hydrocarbon ring group or a substituted or unsubstituted monovalent aromatic heterocyclic ring group.

4. (Original) The electrophotographic photosensitive member according to claim 1, wherein said high-molecular-weight charge-transporting material is a random copolymer having a repeating structural unit represented by the following Formula (21) and a repeating structural unit represented by the following Formula (22):

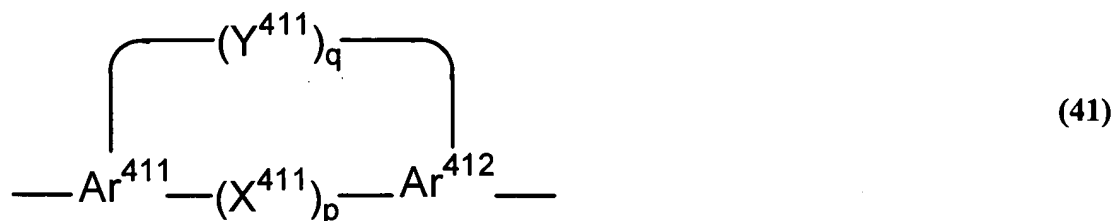


wherein Ar²¹¹ and Ar²²¹ each independently represent a substituted or unsubstituted divalent aromatic hydrocarbon ring group other than a phenylene group, or a substituted or unsubstituted divalent aromatic heterocyclic ring group; and Ar²¹² and Ar²²² each independently represent a substituted or unsubstituted monovalent aromatic hydrocarbon ring group or a substituted or unsubstituted monovalent aromatic heterocyclic ring group; provided that a case is excluded in which the repeating structural unit represented by Formula (21) and the repeating structural unit represented by Formula (22) are identical in structure.

5. (Original) The electrophotographic photosensitive member according to claim 1, wherein said high-molecular-weight charge-transporting material is an alternating copolymer alternately having a repeating structural unit represented by the following Formula (31) and a repeating structural unit represented by the following Formula (32):

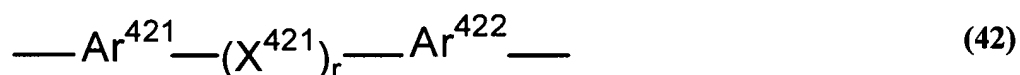


wherein Ar³¹¹ and Ar³²¹ each independently represent a divalent group having a structure represented by the following Formula (41) or the following Formula (42), provided that Ar³¹¹ and Ar³²¹ differ from each other in structure:



where Ar⁴¹¹ and Ar⁴²¹ each independently represent a substituted or unsubstituted trivalent aromatic hydrocarbon ring group or a substituted or unsubstituted trivalent aromatic heterocyclic ring group; X⁴¹¹ represents a substituted or unsubstituted alkylene group, a substituted or unsubstituted siloxane group, a substituted or unsubstituted silylene group, a carbonyl group, a sulfonyl group, an oxygen atom or a sulfur atom; Y⁴¹¹ represents a substituted or unsubstituted alkylene group, a substituted or unsubstituted amino group, an azo group, a sulfonyl group, an oxygen atom or a sulfur atom; and p and q each independently represent 0 or 1; or

where Ar⁴²¹ and Ar⁴²² each independently represent



a substituted or unsubstituted divalent aromatic hydrocarbon ring group or a substituted or unsubstituted divalent aromatic heterocyclic ring group; X⁴²¹ represents a substituted or unsubstituted alkylene group, a substituted or unsubstituted siloxane group, a substituted or unsubstituted silylene group, a carbonyl group, a sulfonyl group, an oxygen atom or a sulfur atom; and r represents 0 or 1; and

Ar³¹² and Ar³²² each independently represent a substituted or unsubstituted monovalent aromatic hydrocarbon ring group or a substituted or unsubstituted monovalent aromatic heterocyclic ring group.

6. (Original) he electrophotographic photosensitive member according to claim 1, wherein said surface layer contains an electrically insulating binder resin.

7. (Original) The electrophotographic photosensitive member according to claim 6, wherein said electrically insulating binder resin is a polycarbonate resin or a polyarylate resin.

8. (Original) The electrophotographic photosensitive member according to claim 1, wherein said surface layer is said photosensitive layer..

9. (Original) The electrophotographic photosensitive member according to claim 1, wherein said photosensitive layer has a charge generation layer containing a charge-generating material and a charge transport layer containing said high-molecular-weight charge-transporting material, and said surface layer is the charge transport layer.

10. (Original) A process cartridge comprising an electrophotographic photosensitive member having a photosensitive layer on a support, and at least one means selected from the group consisting of a charging means, a developing means, a transfer means and a cleaning means which are integrally supported; and being detachably mountable to the main body of an electrophotographic apparatus; wherein;

a surface layer of said electrophotographic photosensitive member contains a high-molecular-weight charge-transporting material having a weight-average molecular weight M_w of from 1,000 or more to 9,000 or less; and

the ratio of the weight-average molecular weight M_w of the high-molecular-weight charge-transporting material to a number-average molecular weight M_n of the high-molecular-weight charge-transporting material, M_w/M_n , is from more than 1.00 to 1.10 or less.

11. (Original) An electrophotographic apparatus comprising an electrophotographic photosensitive member having a photosensitive layer on a support, a charging means, an exposure means, a developing means and a transfer means, wherein;

a surface layer of said electrophotographic photosensitive member contains a high-molecular-weight charge-transporting material having a weight-average molecular weight M_w of from 1,000 or more to 9,000 or less; and

the ratio of the weight-average molecular weight M_w of the high-molecular-weight charge-transporting material to a number-average molecular weight M_n of the high-molecular-weight charge-transporting material, M_w/M_n , is from more than 1.00 to 1.10 or less.